

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|----------------------|---|------------------|---------|------------------|
| | | S56 and \$3sql\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:18 |
| | | S56 and \$3"sql"#\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:18 |
| | | S56 and \$5"sql"#\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:18 |
| | | S56 and \$5sql\$2 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:18 |
| | | S56 and \$sql\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:18 |
| L4 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/15 13:56 |
| L5 | 1 | 4 and generic\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/15 13:57 |
| S1 | 0 | ("9296821").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/05 07:36 |
| S2 | 0 | ("9296821").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/30 10:49 |
| S3 | 2 | ("6338056").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | OFF | 2005/12/30 10:49 |

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|-----|------|--|------------------------------|----|-----|------------------|
| S4 | 1 | ("6338056").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 10:52 |
| S5 | 1 | ("5701456").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 10:53 |
| S6 | 1 | ("6553371").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 10:56 |
| S7 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 10:56 |
| S8 | 1 | S7 and superclass\$2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 10:56 |
| S9 | 1 | S7 and superclass\$2 and subclass\$2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 11:07 |
| S10 | 1 | S7 and superclass\$2 and subclass\$2 and atomic | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 12:54 |
| S11 | 1 | S7 and superclass\$2 and subclass\$2 and atomic and condition\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 13:02 |
| S12 | 1 | S7 and superclass\$2 and subclass\$2 and atomic and condition\$1 and iterative\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 13:59 |
| S13 | 1 | S7 and superclass\$2 and subclass\$2 and atomic and condition\$1 and iterative\$1 and type\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/12/30 14:13 |
| S14 | 4193 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1leve\$1) or (parent and child)) same (query or queries)) | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:15 |
| S15 | 2212 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1leve\$1) or (parent and child) or (class\$2 and sub\$1class\$2)) same (query or queries)) and "707".CLAS. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:17 |
| S16 | 1065 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1leve\$1) or (parent and child) or (class\$2 and sub\$1class\$2)) same (query or queries)) and 707/3-5.CCLS. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:19 |

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| S17 | 1062 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1eve\$1) or (parent and child) or (class\$2 and sub\$1class\$2)) same (query or queries) and (relationship\$1 or associat\$3 or group\$3 or combin\$5) and 707/3-5.CCLS. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:23 |
| S18 | 543 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1eve\$1) or (parent and child) or (class\$2 and sub\$1class\$2)) same (query or queries) and (relationship\$1 or associat\$3 or group\$3 or combin\$5) and operator\$1 and 707/3-5.CCLS. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:25 |
| S19 | 115 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1eve\$1) or (parent and child) or (class\$2 and sub\$1class\$2)) same (query or queries) and (relationship\$1 or associat\$3 or group\$3 or combin\$5) and operator\$1 and leaf\$1 and tree\$1 and 707/3-5.CCLS. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:26 |
| S20 | 148 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1eve\$1) or (parent and child) or (class\$2 and sub\$1class\$2)) same (query or queries) and (relationship\$1 or associat\$3 or group\$3 or combin\$5) and operator\$1 and (leaf\$1 or leaves) and tree\$1 and 707/3-5. CCLS. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:28 |
| S21 | 24 | ((hierarchy or hierarchi\$3 or (level\$1 and sub\$1eve\$1) or (parent and child) or (class\$2 and sub\$1class\$2)) same (query or queries) same (predicate\$1 or statement\$1) and (relationship\$1 or associat\$3 or group\$3 or combin\$5) and operator\$1 and (leaf\$1 or leaves) and tree\$1 and 707/3-5.CCLS. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/12/30 14:29 |
| S22 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 13:01 |
| S23 | 1 | S22 and group\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 13:18 |
| S24 | 1 | ("6775662").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 13:18 |

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|-----|---|--|------------------------------|----|-----|------------------|
| S25 | 1 | S24 and iterat\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 13:20 |
| S26 | 1 | S24 and iterat\$3 and recursi\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 13:30 |
| S27 | 1 | S22 and iterat\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 14:33 |
| S28 | 1 | S24 and user\$10 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 14:50 |
| S29 | 1 | S22 and type\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 18:07 |
| S30 | 1 | ("5428737").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 18:07 |
| S31 | 0 | ("1and(\$3join\$3sametable)").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 18:08 |
| S32 | 1 | S30 and (\$3join\$3 same table\$1) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/03 18:08 |
| S33 | 1 | ("6775662").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 13:31 |
| S34 | 0 | ("1and(typesameelement)anddialect").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 13:32 |
| S35 | 0 | S33 and (type\$1 same element\$1) and dialect\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 13:32 |
| S36 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:43 |
| S37 | 0 | ("4and(type\$1sameelement\$1)anddialect\$1").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 13:33 |
| S38 | 1 | S36 and (type\$1 same element\$1) and dialect\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:00 |
| S39 | 1 | S36 and equivalent | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:00 |

EAST Search History

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| S40 | 1 | S36 and dialect\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:35 |
| S41 | 1 | ("5428737").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:35 |
| S42 | 0 | S41 and dialect\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:35 |
| S43 | 0 | S41 and syntax\$2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:36 |
| S44 | 1 | S41 and format\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:36 |
| S45 | 0 | ("4andgeneric\$1").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:44 |
| S46 | 1 | S36 and generic\$1 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:44 |
| S47 | 1 | S36 and equivalent | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:45 |
| S48 | 0 | S36 and funcional\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:45 |
| S49 | 1 | S36 and functional\$3 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/04 14:46 |
| S50 | 1 | S36 and (element same type same dialect) | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/04 14:47 |
| S51 | 1 | S36 and (element same type) and dialect | US-PGPUB; USPAT; USOCR | OR | ON | 2006/01/04 14:47 |
| S52 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/05 07:36 |
| S53 | 1 | S52 and gener\$4 | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/05 07:49 |
| S54 | 1 | S52 and (type\$1 same quer\$3) | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/01/05 07:49 |
| S55 | 1 | (US-6775662-\$).did. | USPAT | OR | OFF | 2006/08/13 15:53 |

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|-----|---|------------------------|---|----|-----|------------------|
| S56 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/08/13 15:54 |
| S57 | 1 | S56 and connect\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:12 |
| S58 | 1 | S56 and generic\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:13 |
| S59 | 1 | S56 and dialect\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:18 |
| S60 | 1 | S56 and "sql" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:19 |
| S61 | 0 | S56 and mysql | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:19 |
| S62 | 0 | S56 and My\$1sql | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:20 |
| S63 | 0 | S56 and Mysql | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:20 |
| S64 | 0 | S55 and dialect\$ | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:21 |
| S65 | 1 | S55 and (sql or mysql) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:24 |

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|-----|----|--|---|----|-----|------------------|
| S66 | 1 | S55 and language | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:27 |
| S67 | 3 | (US-6775662-\$ or US-5428737-\$ or US-5421008-\$).did. | USPAT | OR | OFF | 2006/08/13 16:28 |
| S68 | 0 | S67 and dialect\$1 | USPAT | OR | ON | 2006/08/13 16:28 |
| S69 | 0 | S67 and mysql | USPAT | OR | ON | 2006/08/13 16:28 |
| S70 | 0 | "multiple sql dialects" | USPAT | OR | ON | 2006/08/13 16:30 |
| S71 | 0 | (multiple with sql with dialect) | USPAT | OR | ON | 2006/08/13 16:29 |
| S72 | 4 | "multiple sql dialects" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:31 |
| S73 | 42 | "sql dialects" | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:31 |
| S74 | 41 | S73 and quer\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:32 |
| S75 | 6 | S74 and (node with tree) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:34 |
| S76 | 0 | S74 and (node with tree) and hierarch\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/13 16:35 |
| S77 | 1 | ("6775662").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/14 10:17 |
| S78 | 1 | S77 and computer | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 10:17 |

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|-----|----|------------------------------------|---|----|-----|------------------|
| S79 | 1 | S77 and (stor\$3 with computer) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 10:18 |
| S80 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2006/08/14 10:33 |
| S81 | 1 | S80 and type | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 10:34 |
| S82 | 1 | S80 and (type with quer\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 10:38 |
| S83 | 1 | S80 and (generic with subclass\$2) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 10:38 |
| S84 | 1 | ("20050015363").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/08/14 19:22 |
| S85 | 1 | S84 and dialect | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 19:27 |
| S86 | 1 | ("5761654").PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | OFF | 2006/08/14 19:28 |
| S87 | 1 | S86 and dialect | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 19:29 |
| S88 | 20 | (different with sql with dialect) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 19:30 |

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|-----|----|---|---|----|----|------------------|
| S89 | 17 | S88 and quer\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 19:30 |
| S90 | 17 | S89 and (node or tree or hierarch\$4) | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 19:31 |
| S91 | 9 | S89 and (node or tree) and hierarch\$4 | US-PGPUB; USPAT; USOCR; EPO; JPO; IBM_TDB | OR | ON | 2006/08/14 19:31 |